HP Officejet Pro 8500 All-in-One

Datasheet

HP Officejet Pro 8500 All-in-One
print, fax, scan, copy

Professional results meet big energy savings in this HP All-in-One. Plus, save up to 50% on cost per color page compared to lasers[1].

Laser Quality Speed[2]: Up to 15 ppm black, Up to 11 ppm color, Maximum 35 ppm black and 34 ppm color[3]
Scan Resolution: Up to 2400 x 4800 dpi; **Maximum Scan Size:** 8.5 x 11.7 in
Copy Reduce/Enlarge: 25 to 400%; **Maximum Number of Copies:** 99
Fax Memory: Up to 125 pages, **Speed Dial:** Up to 99 numbers
Display: LCD (2-in text)
Networking: Built-in Ethernet
Paper Handling: 250-sheet paper tray, 35-sheet automatic document feeder, Optional second 250-sheet paper tray

Up to 50% lower cost per color page than lasers[1]

- Print professional color documents for up to 50% less cost per page than lasers with HP Officejet inks[1].
- Print water-resistant documents on plain paper using pigment inks designed for business[4].
- Save money by replacing only the individual pigment ink cartridge that runs out.
- Get more pages and fewer cartridge replacements with available high-capacity cartridges[5].

Cut energy use and build your bottom line

- This HP Officejet Pro All-in-One consumes up to 50% less energy than color laser all-in-ones[6].
- Save money and energy with this efficient ENERGY STAR® qualified all-in-one.
- Significantly reduce energy when using this HP All-in-One instead of four separate products.
- Greatly reduce paper use and costs by printing on both sides of the paper with two-sided printing.

All-around top performer

- Speeds equivalent to a laser printer with up to 15 ppm black, 11 ppm color[2, 3].
- Maximum speeds of 35 ppm black, 34 ppm color[3].
- Easily share this all-in-one and efficiently use resources with embedded wired Ethernet networking
- Print up to 500 sheets without reloading, thanks to an optional second 250-sheet paper tray.
- Access photos and insert images into documents using memory card slots right on your all-in-one[7].

[1]Majority of color laser AiOs < $600, June 2008, OJ Pro with highest-capacity cartridges. For details, see www.hp.com/go/officejet.
[2]Based on ppm measured using FDIS ISO/IEC 24734. Standard applies to inkjet and laser products and excludes first set of test documents.
[3]After first page. For details, see www.hp.com/go/inkjetprinter.
[4]Based on HP internal testing, using papers with the ColorLok logo.
[5]Not included. Please purchase separately.
[6]Majority of color laser AiOs < $600, June 2008, energy use based on HP testing using the ENERGY STAR® program's TEC test method criteria. For details, see www.hp.com/go/officejet.
[7]Memory card slots support Secure Digital/MultiMedia Card, CompactFlash™, Memory Stick®, Memory Stick® Duo, xD-Picture Card™.

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Technical specifications

AIO Functions	Color print, color copy, color scan, color fax
Print Technology	HP Thermal Inkjet
Print Speed[1, 2]	**Laser Quality Speed Black:** Up to 15 ppm; **Laser Quality Speed Color:** Up to 11 ppm, **Black:** Maximum 35 ppm; **Color:** Maximum 34 ppm; **4 x 6 photos:** As fast as 82 sec
Print Resolution	**Color (best):** Up to 4800 x 1200 optimized dpi color (on advanced photo paper, 1200 x 1200 input dpi); **Black (best):** Up to 1200 x 1200 dpi
Print Capabilities	**Borderless Printing Supported:** Yes (up to 8.5 x 11 in, 215.9 x 279.4 mm); **Direct Print Supported:** Yes (memory cards, PictBridge cameras)
Standard Connectivity	1 USB 2.0, 1 Ethernet, 1 PictBridge, 1 RJ-11 fax
Duty Cycle (monthly, letter)	Up to 15,000 pages
Memory Slots (number and type)	4 slots: CompactFlash Type I and II; Memory Stick, Memory Stick Pro; Secure Digital (SD), High Capacity Secure Digital (SDHC), MultiMediaCard (MMC); xD-Picture Card; Conditionally supported: Secure MMC (encryption not supported); MagicGate Memory Stick (encryption not supported); Only by adapter: Memory Stick Duo, Memory Stick Pro Duo, Memory Stick Micro (adapter not included, purchase separately); Reduced-size MultiMediaCard, RS-MMC/MMC mobile/MMCmicro/miniSD/microSD (adapter not included, purchase separately)
Print Languages Standard	HP PCL 3 GUI
Fax Features	**Junk Barrier Supported:** Yes (requires Caller ID); **Remote Retrieval Capability Supported:** No; **Fax Forwarding Supported:** Yes; **Fax Phone TAM Interface Supported:** No; **PC Interface Supported:** Yes; **Fax Polling Supported:** Yes; **Distinctive Ring Detection Supported:** Yes; **Delayed Sending Supported:** Yes; **Auto Redialing Supported:** Yes; **Auto Fax Reduction Supported:** Yes; **Fax Memory (letter)**[3]**:** Up to 125 pages; **Maximum Broadcast Locations:** 48; **Speed Dials:** Up to 99 numbers
Fax Phone Features	Speed dial, program dial, monitor dial, redial, speaker volume control, auto answer, manual faxing
Fax Speed (letter)	3 sec per page; **Fax and Modem Description:** 33.6 Kbps
Fax Resolution	**Fax Resolution Black (standard):** 203 x 98 dpi; **Fax Resolution (photo):** 203 x 196 dpi; **Fax Resolution Black (best):** Up to 300 x 300 dpi
Scan Technology/Type/Size	CIS; **Scan Type:** Flatbed, ADF; **Max. scan size:** 8.5 x 11.7 in
Scan Resolution[4]	**Optical:** Up to 4800 dpi; **Hardware:** Up to 2400 x 4800 dpi; **Enhanced:** Up to 19200 dpi; **Bit-depth:** 48-bit; **Grayscale Levels:** 256
Copier Settings	Copies, size, quality, lighter/darker, paper size, paper type, two-sided, tray select, collate, margin shift, enhancement
Copy Resolution	**Black Text/Graphics:** Up to 1200 x 600 dpi; **Color Graphics:** Up to 1200 x 600 dpi
Copy Speed	**Black:** Up to 35 cpm; **Color:** Up to 34 cpm
Number of Copies/Copy Resize	**Maximum:** Up to 99 copies; **Resize:** 25 to 400%
Media Sizes/Weight Supported	Letter, legal, statement, executive, 3 x 5 in, 4 x 6 in, 5 x 7 in, 5 x 8 in, 4 x 10 in, 4 x 11 in, 4 x 12 in, 8 x 10 in, envelopes (No.10, Monarch, DL); **Custom Media Sizes:** 3 x 5 to 8.5 x 14 in; **Weight:** Tray 1: 16 to 28 lb (plain media), 16 to 66 lb (special media), up to 110 lb index (cards); Tray 2 (optional): 16 to 28 lb (plain media only); **Recommended:** 20 to 24 lb
Paper Handling	**Duplex Print Options:** Automatic (standard); **Standard:** 250-sheet input tray, 35-sheet automatic document feeder, Optional second 250-sheet input tray; **Input Capacity:** Up to 250 sheets letter/legal, Maximum: Up to 70 sheets transparencies, Up to 55 cards, Up to 55 sheets 4 x 6 photos, Up to 55 sheets photo paper, Up to 20 envelopes; **Output Capacity:** Up to 150 sheets letter/legal, Up to 60 sheets transparencies, Up to 55 cards, Up to 15 envelopes
Memory/Processor/Display	64 MB; **Processor Speed**: 384 MHz; **Display:** LCD (2-line text)
Operating System (compatible)	Windows 2000 (SP4), Windows XP Home (SP1) and Professional (SP1) (32 and 64-bit), Windows XP Professional x64 (SP1), Windows Vista Business, Windows Vista Enterprise, Windows Vista Home Basic, Windows Vista Home Premium, and Windows Vista Ultimate (32-bit x86 and 64-bit), Mac OS X v 10.4.11 or higher, Mac OS X v 10.5.x
Minimum System Requirements	**PC:** Windows Vista®: 800 MHz 32-bit (x86) or 64-bit (x64) processor, 512 MB RAM, 425 MB hard disk space, Internet Explorer 7.0; Windows 2000 (SP4), XP (SP1) Home, Professional, x64 Editions: Intel Pentium II, Celeron processor; Windows XP x64: AMD Athlon™ 64 or Opteron™ processor, Intel Xeon or Pentium processor with Intel EM64T support; Windows 2000 SP4: 128 MB RAM, 200 MB hard disk space; Windows XP 32-bit SP1: 512 MB RAM, 410 MB hard disk space; Windows XP x64 SP1: 512 MB RAM, 290 MB hard disk space; Internet Explorer 6.0. For all systems: CD-ROM and USB. For Windows 2000 Service Pack 4, Windows XP x64 Edition Service Pack 1, Windows XP Starter Edition, and Windows Vista Starter Edition, only the printer driver, scanner driver, and the Toolbox are available; **Mac:** Mac OS X v 10.4, v 10.5: PowerPC G3, G4, G5, or Intel Core processor, 256 MB RAM, 500 MB hard disk space, CD-ROM, USB
Operating Environment	**Recommended Operating Temperature:** 59 to 95° F (15 to 35° C); **Maximum Operating Temperature:** 41 to 104° F (5 to 40° C); **Temperature Storage Range**: -40 to 140° F (-40 to 60° C); **Operating Humidity:** 20 to 80% RH; **Humidity Recommended Operating Range:** 25 to 75% RH
Power[5]	**Power Supply Type:** External Universal Power Supply; **Input Voltage:** 100 to 240 VAC (+/- 10%), 50 to 60 Hz; **Power Consumption**[6]**:** 55 watts maximum, 16 watts (printing), 34 watts (copy), .04 watts (off), 5.1 watts (powersave), 5.8 watts standby
Acoustics	**Acoustic Power Emissions:** 6.7 B(A) (plain mono Normal mode), 7.1 B(A) (plain mono Draft mode); **Acoustic Pressure Emissions:** 59 dB(A) (plain mono Normal mode), 63 dB(A) (plain mono Draft mode), 16 dB(A) (idle mode)
Product Dimensions/Weight	**w x d x h:** 19.45 x 18.86 x 11.77 in (494 x 479 x 200 mm); **Weight:** 26.24 lb (11.9 kg)
Warranty Features	One-year limited hardware warranty, 24-hour, 7 days a week Web support, business hour phone support within warranty period
Service and Support	HP 2-year Next Business Day Exchange, UG103E HP 3-year Next Business Day Exchange, UG073E HP 4-year Next Business Day Exchange, UH607E
What is in the Box[7]	HP Officejet Pro 8500 All-in-One, automatic two-sided printing accessory, HP 940 black/yellow printhead, HP 940 Cyan/Magenta printhead, HP 940 Black Officejet Ink Cartridge (~ 1,000 pages), HP 940 Cyan Officejet Ink Cartridge (900 pages), HP 940 Magenta Officejet Ink Cartridge (~ 900 pages), HP 940 Yellow Officejet Ink Cartridge (~ 900 pages), power supply, power cord, phone cord, setup poster, Getting Started Guide, CD-ROMs
Replacement Ink Cartridges[7]	HP 940 Black Officejet Ink Cartridge (~ 1,000 pages), C4902A HP 940 Cyan Officejet Ink Cartridge (~ 900 pages), C4903A HP 940 Magenta Officejet Ink Cartridge (~ 900 pages), C4904A HP 940 Yellow Officejet Ink Cartridge (~ 900 pages), C4905A HP 940XL Black Officejet Ink Cartridge (~ 2,200 pages), C4906A HP 940XL Cyan Officejet Ink Cartridge (~ 1,400 pages), C4907A HP 940XL Magenta Officejet Ink Cartridge (~ 1,400 pages), C4908A HP 940XL Yellow Officejet Ink Cartridge (~ 1,400 pages), C4909A
Accessories	HP Hi-Speed USB Cable, Q6264A HP Jetdirect en1700 IPv4/IPv6 Print Server, J7988G HP Jetdirect ew2400 802.11g Wireless Print Server, J7951G HP 2101nw Wireless G Print Server, Q6301A HP Wireless Printing Upgrade Kit, Q6236A HP bt500 Bluetooth USB 2.0 Wireless Adapter, Q6273A HP Officejet Pro 250-sheet Paper Tray, CB802A

For more information visit our website at www.hp.com

HP Product
HP Officejet Pro 8500 All-in-One

Part Number
CB022A

Product Identifier: A909a
ENERGY STAR® qualified models; see http://www.hp.com/go/energystar

[1]Based on ppm measured using FDIS ISO/IEC 24734. Standard applies to inkjet and laser products and excludes first set of test documents. [2]After first page; see http://www.hp.com/go/inkjetprinter for details. [3]Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory. [4]The maximum dpi at which you can scan is limited by available computer memory, disk space, and other system factors. [5]Power requirements are based on Europe and North America. The operating readings are taken from the average power consumed during normal mode printing. [6]Power measurement are based on Energy Star OM test procedure with 230 VAC, 50 Hz input. [7]Actual yield varies considerably based on content of printed pages and other factors. Some ink from included cartridge is used to start up the printer. For details see http://www.hp.com/go/learnaboutsupplies

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